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| ZR 6,028,996 02/22/00 Sniderman et al. AAR 5,887,169 03/23/99 Lacombe BBR 6,275,893 08/14/01 Bonola CCR 6,216,216 04/10/01 Bonola | | | 709 | _ | 1 | | | |
| BBR 6,275,893 08/14/01 Bonola CCR 6,216,216 04/10/01 Bonola | | Sniderman et al. | | | 500.49 681 262 28 329 | | | |
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| | | | | | | 9 | | |
| HHR 5,613,098 03/18/97 Landau et al. | Tzori Rhim et al. Cmelik et al. | | 395 | 5 500 | | | | |
| | | | 395 | 1 | 183.05 500.02 705 185.06 | | | |
| | | | 395 | 5 | | | | |
| | | | 395 | 7 | | | | |
| LLR 5,832,205 11/03/98 Kelly et al. | · | 395 | 1 | | | | | |
| MMR6,415,379 07/02/02 Keppel et al. | | | 712 | | 209 | | | |
| NNR 6,477,683 11/05/02 Killian et al. | | | | 3 1 | | | | |
| 7D OOR 6,282,633 08/28/01 Killian et al.0 | | | 712 | 2 | 80 | | | |
| OREIGN PATENT DOCUMENTS | | | | Englis | | | Translati | ion |
| Document Date Country Inventor Number MM/YYYY | r Name | | | Abstract | | Readily Availabl | | 9 |
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| THER (Including in this order Author, Title, Periodical Name, Date, F | Pertinent F | Pages, etc.) | | | 7 | | | Ħ |
| QQR Box, "Field programmable gate array based reconfigue Workshop on FPGAs for Custom Computing Machine pp. 40-48 | urable pre _l es, <i>Pr</i> ocee | processor," <i>IEE</i> edings, 10-13 19 | E 994 | | | | | |
| | RRR Gonzalez, "Configurable and Extensible Processor Change System Desig | | | | | | | |
| SSR "Accelerated Technology and Tensilica Alliance Provide and Software Solution with Nucleus PLUS Support for | r the Exter | nsa Processor " | vare | | | 1 | | |
| February 29, 2000, Press Release at Embedded Systo | tems Conf | erence, Spring | | | | | | |
| | ate Consid | ered: 7-16 | - n4 | <u></u> | | | | |
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| | T | DOCUMENTS | | T | | <u> </u> | | | | | | | | | | | |
| Examiner' | | Document | | | Date Name | | | | | | Class | | Sub | | Filing | | |
| s Initials* | | Number | | MM/ | YYYY | (Family N | Name | of First Inv | entor) |) | | | Clas | S | Date (if appro | priate | |
| TN | AR | 5,544,067 | - | 08/06 | 6/96 | Rostoker | et al. | | | | 364 | | 489 | | | | |
| | BR | 5,555,201 | | 09/10 |)/96 | Dangelo | et al. | | | | 364 | | 489 | | | | |
| | CR | 5,572,437 | 11/05/96 04/22/97 | | Rostoker et al. | | | 364 | 364 | | 489 | | | | | | |
| . * | DR | 5,623,418 | | | Rostoker et al. | | | | 364 | | 489 | | | | | | |
| | ER | 5,801,958 | 09/01 | /98 | Dangelo et al. | | | | | 364 | 364 | | | | | | |
| | FR | 5,867,399 | 08/03/99 | | Rostoker et al. | | | | | 364 364 395 | | 489 | | | | | |
| <u> </u> | GR | 5,933,356 | | | Rostoker et al. Coleman et al. | | | 489 | | | | | | | | | |
| | HR | 5,889,990 | | | | | | 682 | | | | | | | | | |
| | IR | 6,230,307 | 05/08/01 Davis et al. | | | al. | | | | | 716 16 | | | | | | |
| | JR | 6,075,938 | 06/13 | 3/00 | Bugnion et al. | | | | 395 | 5 500 | | 48 | | | | | |
| | KR | 6,321,323 | 11/20 | /01 | Nugroho | Nugroho et al. | | | 712 | 34 | | | <u> </u> | | | | |
| | LR | 5,748,979 | 05/05/98 Trimberger | | | | | | 395 | 800. | | 37 | | | | | |
| | MR | | | | 06/20/00 Guccione | | | | | | 395 | | | 17 | | | |
| 70 | NR | 6,295,571 | | 09/25 | 5/01 | Scardam | alia et | al. | | | 710 | | 129 | | | | |
| FOREIGN | PAT | ENT DOCUMENTS | | | | | | | | | | Engli | | | | Translation | |
| | | Document | | | Count | itry Inve | | ntor Name | | | | | Abstract | | Readlly Available | | |
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| TD | OR | EP 0 772 140 | 05/07/ | /97 | Europ | е | Van f | Rompaey e | et al. | | | _ | | | | L | |
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| | | ng in this order A | luthor, | Title, I | Period | ical Name | , Date | , Pertinen | t Page | s, etc.) | | | | | ! | | |
| TD | RR | Lecarme et al., | | | | | | | | | | 1 | | <u> </u> | | | |
| TP | SR | Singh et al., "Accelerating Adobe Photoshop with Reconfigurable Logic," FPGAs for Custom Computing Machines, 1998, pp 236-244, XP-010298165 | | | | | | | | | | | | | | | |
| TD | TR | Cygnus Solutions: "eCos Reference Manual - Version 1.2.1" eCos Project Documentation, 'Online! 17 May 1999, XP-002192658 | | | | | | | | | | | | | | | |
| TO | UR | Bursky, "Tool suite enables designers to craft customized embedded processors" Electronic Design, 8 Feb. 1999, Penton Publishing, USA 'Online! vol. 47, no. 3, XP-002192659 | | | | | | | | | | | | | | | |
| TD | VR | Stewart et al., "The Chimera II real-time operating system for advanced sensor-based control applications," IEEE Transactions on Systems, Man and Cybernetics, | | | | | | | | | | | | | | | |
| | | Vol. 22, Issue 6, | | ec 19 | 92, pp | 1282-129 | | | | -:: | | <u> </u> | | | | \perp | |
| Examiner | | Umand | | | | · | | Date Cons | | | | | | | | | |
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